

## Product datasheet

### SureLight® APC Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [M2] ab72569

[6 References](#) [1 Image](#)

#### Overview

<b>Product name</b>	SureLight® APC Anti-DDDDK tag (Binds to FLAG® tag sequence) antibody [M2]
<b>Description</b>	SureLight® APC Mouse monoclonal [M2] to DDDDK tag (Binds to FLAG® tag sequence)
<b>Host species</b>	Mouse
<b>Conjugation</b>	SureLight® APC. Ex: 652nm, Em: 657nm
<b>Tested applications</b>	<b>Suitable for:</b> FRET, Flow Cyt (Intra)
<b>Species reactivity</b>	<b>Reacts with:</b> Species independent
<b>Immunogen</b>	Synthetic peptide corresponding to DDDDK tag (Binds to FLAG® tag sequence).
<b>General notes</b>	<p>This antibody has been optimized for High throughput screening (HTS) and fluorescence resonance energy transfer (FRET) assays.</p> <p>Excitation maximum:652 nm Emission maximum:657.5 nm F:P 1:1.</p> <p>FLAG® is a registered trade mark of Sigma Aldrich Biotechnology LP. It is used here for informational purposes only.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Store In the Dark.
<b>Storage buffer</b>	<p>pH: 7.40</p> <p>Preservative: 0.013% Sodium azide</p> <p>Constituents: 0.1% BSA, 0.87% Sodium chloride, 1.64% Sodium phosphate, 1.71% Sucrose</p>
<b>Purity</b>	Size exclusion

<b>Purification notes</b>	Purified using size exclusion chromatography as well as some proprietary methods for purifying the final materials.
<b>Primary antibody notes</b>	This antibody has been optimized for High throughput screening (HTS) and fluorescence resonance energy transfer (FRET) assays.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	M2
<b>Isotype</b>	IgG1

## Applications

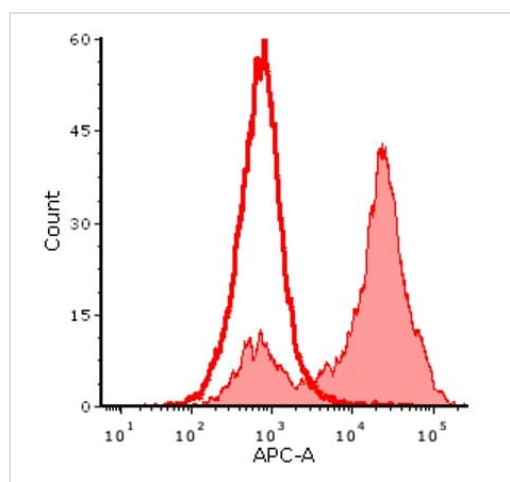
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab72569 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>FRET</b>		Use at an assay dependent concentration.
<b>Flow Cyt (Intra)</b>		Use at an assay dependent concentration.

## Target

**Relevance** This is a useful tool for the localisation and characterisation of DDDDK tagged proteins (Binds to FLAG® tag sequence).

## Images



Flow Cytometry analysis of transfected HEK293 cells. Fixed and permeabilized cells stained with 1 µg/ml of ab72569

Shaded histogram – HEK293 cells, expressing DYKDDDDK-tagged protein

Open histogram – mock transfected control HEK293 cellsNo exactly the same info

Flow Cytometry (Intracellular) - SureLight® APC  
Anti-DDDDK tag (Binds to FLAG® tag sequence)  
antibody [M2] (ab72569)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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